

Appl. No. : 89/380,826  
Filed : November 22, 1999

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On page 54, line 27, after "kirschneri", please insert --(SEQ ID NO:14)--.

On page 54, line 28, after "meyeri", please insert --(SEQ ID NO:9)--.

On page 54, line 28, after "noguchii", please insert --(SEQ ID NO:13)--.

On page 54, line 28, please cancel "saratosai", and substitute in its place -- santarosai  
(SEQ ID NO:11)--.

On page 54, line 29, after "weilii", please insert --(SEQ ID NO:10)--.

On page 54, line 29, after "interrogans", please insert --(SEQ ID NO:15)--.

On page 56, line 11, after the "LU", please insert --(SEQ ID NO:19)--.

On page 56, line 11, after the "rLP", please insert --(SEQ ID NO:24)--.

On page 56, line 29, after the "C", please insert --(SEQ ID NO:20)--.

On page 56, line 29, after the "INT rLP", please insert --(SEQ ID NO:26)--.

### IN THE SEQUENCE LISTING

Please cancel from the application Original Sequence Listing pages 68-80 and substitute therefore the attached Replacement Sequence Listing pages 1-7. Please consecutively renumber all pages following the canceled Original Sequence Listing.

### REMARKS

This Response to Notice to Comply corrects minor informalities in the Original Sequence Listing and Specification as filed. In the figure legend for Figure 2, *L. kirschneri* serovar cynopteri was mistakenly identified as (SEQ ID NO:13). As shown in the actual figure and upon comparison with the Sequence listing it can be seen that SEQ ID NO:13 is actually that of *L. noguchii* serovar panama, and *L. kirschneri* serovar cynopteri is actually (SEQ ID NO:14). Related to this *L. interrogans* serovar icterohaemorrhagiae was identified as SEQ ID NO:14 and upon reference to Figure 2, it can be seen that it is SEQ ID NO:15. Therefore, the figure legend has been amended to correct these mistakes. Other amendments to the specification were made to refer directly to the SEQ ID NO, when citing a sequence.

To correct the informalities in the Original Sequence listing, enclosed herewith are: (1) a paper copy of the Replacement Sequence Listing, (2) and a computer readable version of the Replacement Sequence Listing. The Response to Notice to Comply directs entry of the paper copy of the Sequence Listing into the application. In view of the foregoing, the application is believed to fully comply with the Sequence Listing Disclosure requirements.

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**VERIFICATION UNDER 37 C.F.R. §1.821(f) & (g)**

All of the sequences in the attached Sequence Listing were included in the application as filed. Pursuant to 37 C.F.R. §1.821(g), no new matter is being added herewith. As required under 37 C.F.R. §1.821(f), I hereby verify that the data on the enclosed disk and the paper copies of the Sequence Listing are identical.

**Conclusion**

No fees are believed due; however, should any fees be required, please charge them to Deposit Account No. 11-1410. A duplicate copy of this Communication is enclosed. Should there be any questions concerning this application, the Examiner is respectfully invited to contact the undersigned at the telephone number appearing below.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 18 Dec. 2000

By: Daniel Altman

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